

CONDENSED CLIMATOLOGICAL SUMMARY.

In the following table are given, for the various sections of the Climatological Service of the Weather Bureau, the average temperature and rainfall, the stations reporting the highest and lowest temperatures with dates of occurrence, the stations reporting the greatest and least monthly precipitation, and other data, as indicated by the several headings.

The mean temperatures for each section, the highest and

lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperature and precipitation are based only on records from stations that have ten or more years of observations. Of course the number of such records is smaller than the total number of stations.

Temperature and precipitation by sections, September, 1910.

Station.	Temperature—in degrees Fahrenheit.								Precipitation—in inches and hundredths.							
	Section average.	Departure from the normal.	Monthly extremes.				Section average.	Departure from the normal.	Greatest monthly.				Least monthly.			
			Station.	Highest.	Date.	Station.			Station.	Amount.	Station.	Amount.	Station.	Amount.	Station.	Amount.
Alabama.....	77.5	+ 2.5	2 stations.....	101	8†	Oneonta.....	45	18	2.21	- 0.67	Bermuda.....	6.03	Dadeville.....	0.30		
Arizona.....	77.7	+ 2.8	Parker.....	120	9	Flagstaff.....	30	23	0.49	- 0.43	Cochise.....	4.70	6 stations.....	0.00		
Arkansas.....	76.4	+ 3.1	Pocahontas.....	101	23	Lake Farm.....	44	18	2.41	- 0.87	Mammoth Springs.....	9.34	Earl.....	0.11		
California.....	67.3	- 0.7	Mammoth Tank.....	119	3	3 stations.....	20	1†	0.60	+ 0.10	Ozene.....	4.50	25 stations.....	0.00		
Colorado.....	59.6	+ 2.9	Hoehne.....	102	23	Fraser.....	12	27	1.25	+ 0.02	Marble.....	3.26	Rocky Ford (near).....	0.00		
Florida.....	79.3	+ 0.3	2 stations.....	100	8	Mount Pleasant.....	48	18	3.12	- 4.18	Homestead.....	10.35	Lake City.....	0.46		
Georgia.....	76.3	+ 1.4	2 stations.....	103	1	Clayton.....	43	17	2.48	- 1.26	Lafayette.....	7.30	Putnam.....	0.40		
Hawaii (Aug.).....	73.0	-	Molokai Ranch, Mol.....	93	18	Humuula.....	39	9	7.16	-	Hakalau, Hawaii.....	32.13	Waiau, Kauai.....	0.00		
Idaho.....	58.0	+ 0.7	Glenns Ferry.....	98	19	Chesterfield.....	12	26	1.07	- 0.03	Bonners Ferry.....	2.71	Roseworth.....	0.20		
Illinois.....	66.9	- 0.1	3 stations.....	95	7†	Lanark.....	33	10	4.58	+ 1.17	Summer.....	10.83	Cairo.....	0.93		
Indiana.....	67.2	+ 0.4	Logansport.....	97	8	3 stations.....	38	10†	4.52	+ 1.56	Farmland.....	9.39	Whiting.....	1.10		
Iowa.....	63.2	- 0.5	3 stations.....	99	15	2 stations.....	30	10†	3.59	+ 0.18	Afton.....	7.43	Elma.....	1.18		
Kansas.....	70.4	+ 1.5	Creston.....	105	11	Council Grove.....	29	27†	3.11	- 0.61	Walnut.....	10.94	3 stations.....	T		
Kentucky.....	71.8	+ 1.3	Anthony.....	99	1	Berea.....	38	16	4.41	+ 1.83	High Bridge.....	8.55	Hopkinsville.....	1.03		
Louisiana.....	79.2	+ 1.8	Hopkinsville.....	99	1	Calhoun.....	48	18	3.29	- 0.77	Donaldsonville.....	10.37	Grand Cane.....	0.20		
Maryland and Delaware.....	69.9	+ 2.2	2 stations.....	101	9†	2 stations.....	32	10†	1.67	- 1.86	Cumberland, Md.....	3.97	Tacoma Park, Md.....	0.27		
Michigan.....	58.9	- 1.3	Bachmans Valley, Md.....	98	6	2 stations.....	26	13†	2.84	- 0.16	Cassopolis.....	6.10	West Branch.....	0.40		
Minnesota.....	58.4	+ 0.3	2 stations.....	90	1†	Fram.....	20	12	2.45	- 0.60	Grand Meadow.....	4.43	Beardsley.....	0.81		
Mississippi.....	78.3	+ 2.9	Lenkeeville.....	101	21	Monticello.....	45	18	1.89	- 1.41	Pascagoula.....	8.24	Enid.....	T		
Missouri.....	69.5	+ 0.5	Caruthersville.....	97	7†	Oregon.....	34	27	5.58	+ 1.99	Mexico.....	11.41	Perryville.....	0.88		
Montana.....	53.9	- 1.5	Springbrook.....	98	19	Busby.....	6	26	2.62	+ 0.90	Half Moon Pass.....	5.50	Malta.....	0.27		
Nebraska.....	64.7	+ 0.7	2 stations.....	102	7†	Canton (near).....	18	26	2.24	+ 0.08	Palmyra.....	7.27	Springview.....	0.24		
Nevada.....	61.5	+ 0.7	2 stations.....	108	9†	2 stations.....	20	5†	0.73	+ 0.32	Palmetto.....	1.84	Mina.....	0.00		
New England.....	59.8	0.0	3 stations.....	85	7†	Presque Isle, Me.....	26	19	2.85	- 0.61	Cornwall, Vt.....	6.76	Nantucket, Mass.....	0.61		
New Jersey.....	67.3	+ 1.5	Bridgeton.....	97	6	Charlotteburg.....	32	30	2.39	- 1.45	Phillipsburg.....	3.97	Woodbine.....	1.01		
New Mexico.....	66.6	+ 2.7	Carlbad.....	104	3	Elizabethtown.....	24	27	0.59	- 1.11	Batemans Ranch.....	3.35	8 stations.....	0.00		
New York.....	6.03	- 0.4	Mount Hope.....	92	6	Potsdam.....	25	22	3.68	+ 6.36	De Ruyter.....	8.31	Chazy.....	0.26		
North Carolina.....	72.3	+ 1.7	2 stations.....	97	7†	9 stations.....	35	17†	2.97	- 0.89	Brevard.....	7.29	Rocky Mount.....	0.55		
North Dakota.....	55.3	- 2.0	Medora.....	99	17	Howard.....	18	26	1.96	+ 0.50	Walhalla.....	4.48	Buford.....	0.03		
Ohio.....	66.3	+ 0.5	Annesville.....	93	5	2 stations.....	34	10	4.05	+ 1.48	Norwalk.....	9.72	Thurman.....	0.59		
Oklahoma.....	77.7	+ 4.4	Hobart.....	107	5	Dacoma.....	30	28	0.98	- 2.00	Fairland.....	3.69	Harrington.....	0.00		
Oregon.....	54.6	- 0.7	Pilot Rock.....	93	3	Christmas Lake.....	14	7†	0.94	- 0.71	Bay City.....	3.75	2 stations.....	0.02		
Pennsylvania.....	65.5	+ 1.7	Gettysburg.....	95	6	Wellsboro.....	32	15	4.49	+ 1.15	Baldwin.....	8.45	Gettysburg.....	2.26		
Porto Rico.....																
South Carolina.....	75.8	+ 1.7	Florence.....	103	7	Saluda.....	46	18	3.10	- 0.72	Clemson College.....	6.19	Little Mountain.....	0.68		
South Dakota.....	60.9	- 0.3	Ridnbeck.....	102	16	Deadwood.....	22	26	1.91	+ 0.07	Yankton.....	4.72	Hill City.....	0.29		
Tennessee.....	74.0	+ 3.3	Jackson.....	99	24	Mountain City.....	37	17	2.46	- 0.65	Ta:ewell.....	6.27	Sparta.....	0.45		
Texas.....	80.6	+ 3.5	3 stations.....	107	1†	Plemons.....	39	27	1.80	- 0.96	Brownsville.....	10.71	3 stations.....	0.00		
Utah.....	63.1	+ 2.8	Iosepe.....	114	11	Woodruff.....	12	26	1.35	+ 0.23	Orderville.....	3.78	Kelton.....	0.17		
Virginia.....	69.4	+ 1.6	Lincoln.....	101	6	Burkes Garden.....	32	18	2.07	- 1.31	Mendota.....	6.13	Warsaw.....	0.18		
Washington.....	58.3	+ 0.6	Zindel.....	98	14	2 stations.....	23	25	1.29	- 0.49	Quinault.....	5.52	Nutland.....	0.03		
West Virginia.....	68.4	+ 2.0	Bancroft.....	97	23	Bayard.....	32	17	3.59	+ 0.86	Spencer.....	6.34	Martinsburg.....	0.92		
Wisconsin.....	58.6	- 1.6	3 stations.....	90	7†	Koepenick.....	26	10	3.44	+ 0.23	Pine River.....	6.63	Felot.....	1.41		
Wyoming.....	54.5	+ 1.3	Fort Laramie.....	98	16	Fox Park.....	11	27	1.36	+ 0.22	Knowles.....	4.61	Green River.....	0.13		

*Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut. †Other dates also.

TABLE 1.—Climatological data for U. S. Weather Bureau stations, September, 1910.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.				
	Barometer above sea level, feet.	Thermometers above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Minimum.	Date.	Greatest daily range.	Mean wet thermometer.	Total.	Days with 0.1 or more.	Total movement, miles.	Precipitation, in inches.
	Anerometer above ground.					Mean max.	Departure from normal.	Maximum.	Date.	Mean minimum.	Date.	Mean relative humidity, per cent.	Mean temperature of the dew-point.	Departure from normal.	Prevailing direction.	Miles per hour.	Maximum velocity.
<i>New England.</i>																	
Eastport.	76	67	85	30.02	30.10	+ .07	55.6	- 0.1	74	18	62	45	13	51	48	81	2.47
Greenville.	1,070	6	28.94	30.11	+ .06	55.6	+ 0.4	62	31	43	36	51	27	51	1.1	12	6,641
Portland, Me.	103	81	117	29.98	30.11	+ .06	58.6	- 1.0	79	18	66	40	23	51	47	2.89	2.77
Concord.	288	70	79	29.80	30.11	+ .05	59.1	0.0	83	4	71	33	23	47	38	3.08	0.2
Burlington.	404	11	48	29.66	30.10	+ .04	56.4	- 2.5	75	12	66	36	23	47	29	2.75	0.6
Northfield.	876	16	70	29.17	30.12	+ .06	54.8	+ 0.2	75	4	68	30	23	44	49	86	4.72
Boston.	125	115	185	29.96	30.10	+ .03	62.8	+ 0.1	82	7	70	47	19	55	56	77	2.14
Nantucket.	12	14	90	30.07	30.08	.00	62.3	- 0.6	86	7	68	49	30	57	52	87	1.01
Block Island.	26	11	46	30.06	30.09	+ .01	63.6	- 0.5	76	7	68	50	19	59	51	81	0.61
Narragansett.	9						64.0	+ 1.2	85	7	72	41	30	55	27	83	1.21
Providence.	160	141	165	29.93	30.10	+ .03	62.2	- 1.0	80	26	71	41	30	54	54	79	2.68
Hartford.	159	122	140	29.92	30.09	+ .02	63.5	+ 1.8	81	5	73	38	23	54	58	79	3.41
New Haven.	106	116	155	29.97	30.08	+ .01	64.5	+ 0.6	83	9	73	43	23	56	56	77	1.83
<i>Mid. Atlantic States.</i>							68.4	+ 2.1									
Albany.	97	102	115	29.98	30.08	+ .01	62.8	+ 0.5	84	6	72	40	23	54	54	79	3.21
Binghamton.	871	78	88	29.17	30.10	+ .03	61.2	+ 1.3	83	8	70	38	15	52	52	79	4.56
New York.	314	108	350	29.75	30.08	.00	68.4	+ 1.9	90	6	75	54	20	62	62	73	1.43
Harrisburg.	374	94	104	29.70	30.10	+ .02	68.0	+ 3.1	90	6	76	50	17	60	62	78	2.78
Philadelphia.	117	116	185	29.98	30.10	+ .02	70.0	+ 2.6	92	6	78	55	29	63	62	79	3.05
Scranton.	805	111	119	29.25	30.10	+ .03	64.8	+ 2.6	86	6	74	43	17	55	50	66	4.45
Atlantic City.	52	37	48	30.03	30.09	+ .02	68.7	+ 1.1	86	9	74	54	29	63	61	78	1.46
Cape May.	17	9	56	30.08	30.10	+ .03	69.8	+ 0.8	86	6	76	53	17	64	62	81	2.38
Baltimore.	123	100	113	29.98	30.08	.00	71.6	+ 3.0	96	6	80	53	17	64	62	80	2.13
Washington.	112	62	85	29.97	30.08	.00	71.0	+ 2.9	94	6	80	48	18	62	63	60	2.15
Cape Henry.	18	9	58														
Lynchburg.	681	83	88	29.36	30.10	+ .02	71.0	+ 2.6	93	6	81	44	18	61	65	63	84
Mount Weather.	1,725	10	54	28.29	30.07	.00	66.2	+ 3.8	88	6	74	45	15	58	52	79	1.32
Norfolk.	91	102	111	29.99	30.09	+ .03	73.4	+ 1.7	92	6	80	58	18	67	65	81	0.89
Richmond.	144	189	197	29.94	30.03	+ .02	71.8	+ 1.0	93	6	81	48	18	62	60	80	1.07
Wytheville.	2,293	40	47	27.76	30.10	+ .03	67.0	+ 3.4	86	8	77	41	17	57	61	80	3.85
<i>S. Atlantic States.</i>							75.0	+ 1.5									
Asheville.	2,255	53	75	27.80	30.11	+ .04	67.6	+ 2.6	85	4	77	44	18	58	62	61	1.52
Charlotte.	773	68	76	29.28	30.10	+ .03	73.1	+ 2.4	90	6	82	51	16	64	66	73	2.89
Hatteras.	11	12	47	30.05	30.06	.00	75.8	+ 1.1	87	8	80	64	19	71	74	70	8.03
Manteo.	12	12	46				74.6										
Raleigh.	376	103	110	29.69	30.08	+ .01	73.4	+ 2.8	92	6	82	51	17	64	66	83	2.92
Wilmington.	78	81	91	29.99	30.07	+ .02	75.0	+ 1.9	94	7	83	55	17	67	65	85	1.88
Charleston.	48	14	92	30.01	30.06	+ .02	77.2	+ 1.0	95	7	84	58	19	71	72	78	4.39
Columbia, S. C.	351	41	57	29.70	30.08	+ .03	75.6	+ 1.9	95	7	86	50	18	66	65	79	5.17
Augusta.	180	89	97	29.38	30.07	+ .02	76.6	+ 2.2	96	7	85	54	18	67	66	79	1.99
Savannah.	65	150	194	30.00	30.06	+ .03	76.7	+ 1.3	95	7	85	56	18	68	65	85	3.64
Jacksonville.	43	96	129	30.00	30.04	+ .04	78.6	+ 1.3	93	7	86	59	19	71	72	70	3.12
<i>Florida Peninsula.</i>							80.7	+ 0.3									
Jupiter.	28	10	46	29.98	29.99	+ .03	80.4	- 0.2	90	28	87	68	17	74	75	72	4.04
Key West.	22	10	53	29.94	29.98	+ .02	81.4	- 1.1	90	5	86	73	14	76	73	62	4.42
Tampa.	35	79	94	29.98	30.00	+ .03	80.4	+ 2.1	93	6	89	62	18	72	73	70	0.79
<i>East Gulf States.</i>							77.9	+ 3.1									
Atlanta.	1,174	190	216	29.87	30.09	+ .04	75.2	+ 3.1	92	8	84	55	17	66	66	72	2.17
Macon.	370	8	87	29.68	30.07	+ .04	76.2	+ 3.3	94	7	89	52	18	68	64	73	2.55
Thomasville.	273	8	57	29.75	30.04	+ .03	77.8	+ 1.0	96	7	89	50	18	69	63	70	84
Pensacola.	56	140	183	29.98	30.04	+ .05	79.4	+ 1.5	95	8	86	64	18	73	78	85	2.57
Aniston.	741	9	57	29.32	30.10	+ .07	75.8	+ 4.5	93	8	87	50	18	64	62	73	3.15
Birmingham.	700	11	48	29.33	30.08	+ .05	77.4	+ 3.4	94	8	88	56	18	67	65	76	3.04
Mobile.	57	98	106	29.97	30.03	+ .03	80.2	+ 3.7	95	21	89	61	18	72	75	71	1.07
Montgomery.	223	100	112	29.81	30.05	+ .03	78.4	+ 2.6	95	8	89	55	18	68	60	65	1.26
Meridian.	375	84	93	29.65	30.04	+ .02	77.2	+ 4.5	94	22	89	51	18	66	63	73	0.38
Vicksburg.	247	62	74	29.77	30.05	+ .03	78.8	+ 4.0	94	22	89	59	18	68	66	75	2.51
New Orleans.	51	90	121	29.97	30.02	+ .04	80.3	+ 2.3	92	8	88	67	19	73	72	70	4.91
<i>West Gulf States.</i>							79.6	+ 4.2									
Shreveport.	249	77	84	29.76	30.02	+ .02	80.0	+ 4.3	96	2	91	60	19	76	73	78	2.66
Bentonville.	1,303	11	44	28.69	30.00	- .02	73.8	+ 4.9	91	20	84	55	29	63	63	71	5.05
Fort Smith.	457	79	94	29.54	30.02	+ .01	78.8	+ 6.1	96	20	86	60	29	88	63	72	1.6
Little Rock.	357	139	147	29.68	30.05	+ .02	76.8	+ 3.7	92	20	86	61	30	67	63	74	3.12
Brownsville.	57	4					80.2		91	1	88	69	10	73	20	70	10.71
Corpus Christi.	20	69	77	29.98	30.08	+ .03	80.7	+ 1.7	91	9	86	70	19	76	71	73	6.09
Fort Worth.	670	106	114	29.99	30.00	.00	81.3	+ 4.5	91	37	92	61	27	70	68	71	2.21
Galveston.	54	106	112	29.97	30.03	+ .05	80.6	+ 1.2	91	9	85	68	19	76	73	74	4.74
Houston.	.	.	.	29.86	30.00	.	80.4		96	9	96	63	19	71	78	81	1.04
Palestine.	510	73	79	29.48	30.00	+ .01	81.4	+ 6.7	96	9	95	64	18	70	69	76	1.13
San Antonio.	701	80	91	29.27	29.98	+ .02	81.5	+ 4.4	98	9	92	66	23	71	79	86	0.56
Taylor.	583	55	63	29.40	30.01	+ .04	81.2	+ 4.3	98	9	92	65	20	70	73	73	2.95
<i>Ohio Val. and Tenn.</i>							71.0	+ 2.7									
Chattanooga.	762	189	213	29.30	30.10	+ .04	74.8</td										

TABLE 1.—Climatological data for U. S. Weather Bureau stations, September, 1910—Continued.

Stations.	Elevation of instruments.		Pressure, in inches		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.		Maximum velocity.		Cloudy days.		Average cloudiness during daylight, tenth.		Total snowfall.											
	Barometer above sea level, feet.		Thermometers above ground.		Anemometer above ground.		Actual, reduced to mean of 24 hours.		Sea level, reduced to mean of 24 hrs.		Departure from normal.		Mean max. + 2.		Mean minimum.		Greatest daily range.		Mean wet thermometer.		Mean temperature of the dew-point.		Mean relative humidity, per cent.		Total movement, miles.		Prevailing direction.		Miles per hour.		Date.	
<i>Upper Lake Region.</i>																																
Alpena.....	609	13	92	29.42	30.06	+ .65	53.5	- 0.4	82	83	86	40	14	47	30	52	49	80	3.10	+ 0.8	11	7,873	nw.	38	nw.	8	14	5.4				
Escanaba.....	612	40	82	29.40	30.06	+ .65	55.8	- 1.1	74	71	68	41	12	48	30	52	49	81	3.39	+ 0.2	11	7,371	s.	32	n.	18	10	5.2				
Grand Haven.....	632	54	92	29.38	30.06	+ .62	56.2	- 1.9	80	71	68	42	10	50	31	56	53	83	1.98	- 1.2	9	7,084	s.	30	sw.	12	14	4.9				
Grand Rapids.....	707	127	163	29.32	30.08	+ .63	61.8	- 0.0	83	71	72	43	16	52	31	55	52	84	2.74	- 1.5	9	6,327	s.	36	w.	6	13	3				
Lansing.....	668	66	74	29.32	30.05	+ .65	56.2	+ 0.1	86	71	65	41	22	49	35	55	53	84	2.89	- 0.6	10	3,456	s.	18	sw.	6	13	4.8				
Houghton.....	734	77	116	29.26	30.07	+ .67	56.4	- 0.4	79	71	65	37	21	48	31	51	48	79	1.77	- 1.7	11	7,670	sw.	42	sw.	7	8	10				
Port Huron.....	688	70	120	29.39	30.08	+ .62	60.8	- 0.1	81	67	70	43	10	52	28	56	53	80	2.41	- 0.3	10	6,436	nc.	27	n.	8	15	5				
Sault Sainte Marie.....	614	11	61	29.39	30.09	+ .67	54.2	- 0.1	75	15	63	38	22	45	30	54	57	84	3.11	- 0.4	13	5,718	e.	32	nw.	27	9	8				
Chicago.....	823	140	310	29.19	30.08	+ .64	65.2	+ 0.6	83	81	71	49	27	60	24	60	58	81	3.80	+ 0.9	9	7,619	sw.	35	se.	4	12	7				
Milwaukee.....	681	121	139	29.35	30.08	+ .65	61.4	- 0.1	81	68	68	48	10	54	23	56	53	79	1.71	- 1.2	9	7,516	ne.	30	ne.	23	10	4.8				
Green Bay.....	617	49	86	29.38	30.04	+ .62	59.2	+ 0.1	83	73	68	43	9	50	30	54	51	80	6.24	+ 3.1	10	6,988	sw.	36	n.	12	9	7				
Duluth.....	1,133	11	47	28.82	30.04	+ .66	55.6	- 1.1	83	71	64	34	12	47	35	50	48	76	4.20	+ 0.6	6	10,092	ne.	43	sw.	30	7	11				
<i>North Dakota.</i>																																
Moorehead.....	940	8	57	29.02	30.04	+ .08	77.7	+ 1.1	83	21	71	27	12	45	40	50	47	72	1.79	+ 0.3	6	5,698	se.	38	nw.	30	12	11				
Bismarck.....	1,674	8	44	28.28	30.07	+ .13	56.3	- 0.8	88	20	69	31	19	44	41	49	46	76	2.66	+ 1.5	7	6,377	nw.	34	nw.	30	11	5.4				
Devils Lake.....	1,482	11	44	28.46	30.03	+ .69	54.4	- 1.2	80	28	65	32	26	43	35	47	43	73	2.62	+ 1.2	6	7,810	s.	42	n.	22	10	5.6				
Williston.....	1,872	14	56	28.03	30.00	+ .07	54.0	- 5.5	95	16	68	20	26	40	43	45	63	78	3.21	- 0.8	4	5,961	n.	38	n.	22	16	5				
<i>Upper Miss. Valley.</i>																																
Minneapolis.....	918	102	208	28.92	30.04	+ .08	61.5	- 1.6	88	17	72	39	12	51	31	53	48	68	2.58	- 1.1	6	8,473	s.	38	w.	30	10	10				
St. Paul.....	837	171	179	28.12	30.02	+ .03	61.8	- 1.5	90	17	72	40	10	51	34	53	48	68	1.77	- 1.6	5	4,223	s.	28	s.	23	15	8				
La Crosse.....	714	11	48	28.28	30.05	+ .04	60.6	- 1.1	84	7	71	40	10	50	32	53	50	78	2.95	- 1.2	8	3,181	s.	20	ne.	12	14	4.9				
Madison.....	974	70	78	29.00	30.04	+ .01	61.0	- 0.1	81	7	70	45	27	52	29	55	52	78	1.83	- 1.4	8	5,858	sw.	34	ne.	12	11	5.2				
Charles City.....	1,015	10	49	28.98	30.05	+ .05	61.0	- 0.7	86	17	72	29	28	50	35	54	50	81	1.74	- 1.1	8	4,398	s.	20	s.	22	11	5				
Davenport.....	606	71	79	29.40	30.06	+ .03	65.4	+ 0.7	84	18	75	45	27	50	30	55	55	78	2.40	- 0.7	9	4,336	w.	23	s.	11	12	8				
Des Moines.....	861	84	101	29.12	30.02	+ .00	64.4	- 0.6	88	30	74	38	27	55	31	58	55	76	3.82	+ 0.8	9	4,681	s.	24	s.	17	11	7				
Dubuque.....	698	100	115	29.33	30.08	+ .05	62.8	- 0.8	84	5	72	41	10	54	29	56	53	77	3.10	- 0.5	8	3,961	s.	18	s.	17	11	5.6				
Keokuk.....	614	64	78	28.39	30.06	+ .03	66.7	- 0.3	91	18	76	43	27	57	31	61	57	80	2.68	- 1.9	8	4,219	s.	30	s.	11	12	7				
Calio.....	356	87	93	29.68	30.06	+ .01	73.5	+ 3.3	91	8	83	56	18	64	27	66	64	78	4.93	- 1.0	10	4,856	ne.	25	s.	5	12	6				
La Salle.....	536	56	64	29.52	30.09	+ .05	64.8	- 0.9	93	3	75	41	28	54	31	56	54	71	5.09	+ 1.9	13	4,284	nc.	31	ne.	12	11	5				
Peoria.....	609	11	45	29.42	30.08	+ .04	65.4	+ 1.1	91	18	77	39	28	54	34	58	56	82	3.12	- 0.6	12	4,116	s.	24	s.	4	8	12				
Springfield, Ill.....	644	10	91	29.35	30.06	+ .01	61.6	- 1.2	89	8	77	55	28	58	32	59	50	80	5.34	+ 2.0	10	4,829	s.	22	sw.	4	12	6				
Hannibal.....	534	75	109	29.50	30.06	+ .02	66.6	- 1.3	88	18	76	42	28	57	30	52	46	70	5.37	+ 1.8	12	5,061	sw.	26	sw.	4	15	3				
St. Louis.....	587	208	317	29.45	30.05	+ .01	70.4	- 0.4	89	12	78	53	28	62	61	60	66	76	6.09	+ 3.2	10	5,960	se.	31	sw.	4	12	10				
<i>Missouri Valley.</i>																																
Columbia, Mo.....	784	11	84	29.21	30.03	.00	67.4	- 0.4	89	18	77	42	28	58	30	52	50	78	10.36	+ 7.5	12	4,330	s.	28	s.	4	15	2				
Kansas City.....	963	161	181	28.99	30.02	.00	68.8	- 1.1	81	3	82	48	20	51	27	62	61	79	6.09	+ 2.2	13	7,657	s.	37	se.	25	10	11				
St. Joseph.....	1,324	98	104	28.66	30.04	+ .01	71.1	+ 3.2	88	93	78	51	24	58	32	61	58	79	6.00	+ 1.1	11	4,442	se.	24	sw.	8	10	8				
Iola.....	984	11	50	28.99	30.02	+ .01	70.4	+ 1.8	94	19	82	42	28	59	31	61	58	79	6.00	+ 1.1	12	4,330	s.	25	n.	5	12	11				
Topeka.....	983	85	101	28.76	30.01	+ .02	60.0	- 0.7	92	17	77	29	27	56	33	53	57	59	5.06	+ 2.4	9	8,697	s.	34	ne.	8	12	5				
Lincoln.....	1,189	11	84	28.76	30.01	+ .02	66.8	- 1.4	92	17	77	29	27	56	33	53	57	59	5.43	+ 3.5	11	4,733	nc.	39	s.	11	15	10				
Omaha.....	1,105	115	121	28.86	30.03	+ .03	66.2	- 0.4	91	16	75	42	27	58	27	59	55	74	5.43	+ 2.1	10	4,733	nc.	39	s.	11	15	10				
Valentine.....	2,598	47	54	27.33	30.03	+ .07	62.2	- 0.1	95	16	75	33	27	49	46	52	46	65	6.67	+ 1.1	7	7,100	s.	37	s.	1	14	12				
Sioux City.....	1,135	96	164	28.83	30.04	+ .06	62.6	- 1.5	92	17	73	39	27	52	34	56	53	77	3.93	+ 1.5	9	8,083	s.	39	sw.	5	11	12				
Cheyenne.....	6,088	56	64	24.11	30.00	+ .04	54.4	+ 2.2	84	10	73	33	26	46	41	40	60	6.80	+ 0.9	3	7,091	e.	39	sw.	4	12</						

TABLE I.—Climatological data for U. S. Weather Bureau stations, September, 1910—Continued.

Stations.	Elevation of instruments.		Pressure, in inches.			Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.			Wind.			Maximum velocity.														
	Barometer above sea level, feet.	Thermometers above ground.	Actual, reduced to mean of 24 hours.	Sea level, reduced to mean of 24 hrs.	Departure from normal.	Mean max. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with .01 or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Date.	Clear days.	Partly cloudy days.	Cloudy days.	Average cloudiness during daylight, tenths.	Total snowfall.			
		Anerometer above ground.																														
N. P. Coast Reg.—Con.																																
Tacoma.	213	113	120	29.85	30.07	+ .05	57.6	0.0	74	26	43	25	50	27	52	48	71	1.62	—	0.8	5	3,641	n.	34	e.	7	7	13	10	6.0		
Tatooch Island.	86	7	57	29.87	30.07	+ .08	52.4	—	68	12	57	44	48	19	50	48	91	2.85	—	3.3	12	7,623	s.	47	s. e.	29	7	8	15	5.9		
Portland, Oreg.	153	68	106	29.89	30.05	+ .03	60.0	—	63	82	63	45	51	30	54	49	71	1.15	—	0.7	7	3,957	nw.	25	n.	12	5	12	13	6.0		
Roseburg.	510	10	57	29.48	30.04	+ .02	59.6	—	9	34	27	73	38	7	46	54	50	78	0.89	—	0.2	6	2,080	n.	17	n. w.	1	14	10	6	4.0	
<i>Mid. Pac. Coast Reg.</i>																																
Eureka.	62	62	80	29.98	30.04	+ .03	53.1	—	68	8	58	44	49	22	50	48	86	0.01	—	1.1	1	3,611	n.	33	nw.	10	5	13	12	6.1		
Mount Tamalpais.	2,375	11	18	27.52	29.96	+ .02	65.0	—	65	30	73	43	49	19	57	51	39	43	0.17	—	0.3	2	9,158	nw.	51	n.	6	25	4	1	1.2	
Point Reyes Light.	490	7	18	29.42	29.94	—	51.6	—	64	30	55	45	44	17	56	42	41	0.04	—	0.4	3	12,986	nw.	60	n.	11	7	19	7	7.2		
Red Bluff.	332	50	56	28.54	29.89	+ .04	71.0	—	2.9	60	9	85	49	13	58	39	57	49	59	0.20	—	0.2	2	3,041	se.	21	nw.	11	24	4	2	1.4
Sacramento.	68	108	117	29.83	29.90	+ .01	67.2	—	1.9	83	1	82	45	13	32	39	57	49	51	0.05	—	0.2	2	6,632	w.	32	sw.	12	28	0	8	1.0
San Francisco.	155	200	204	29.79	29.96	+ .02	57.6	—	1.7	82	30	65	48	1	51	52	49	81	0.09	—	0.2	2	3,567	nw.	23	nw.	18	21	7	2	2.6	
San Jose.	141	12	110	29.80	29.95	—	62.0	—	2.7	90	10	76	46	13	48	46	51	6	0.01	—	0.3	1	10,282	nw.	46	n. w.	11	9	3	18	6.5	
Southeast Farallon.	30	9	17	29.95	29.98	—	52.5	—	59	20	54	47	44	14	51	6	65	0.40	+ .02	—	2	3,477	nw.	14	w.	16	24	4	2	1.8		
<i>S. Pac. Coast Reg.</i>																																
Fresno.	330	67	70	29.53	29.88	+ .01	73.5	—	0.8	102	1	89	48	13	58	41	57	43	42	1.60	+ .07	2	3,704	sw.	30	ne.	30	19	9	2	3.1	
Los Angeles.	338	159	191	29.54	29.90	+ .02	70.5	+ 4.0	98	10	81	54	8	60	33	60	55	70	0.01	—	0.0	1	4,172	nw.	24	nw.	29	22	6	2	2.8	
San Diego.	87	94	102	29.80	29.89	+ .00	67.8	+ 0.9	86	10	73	56	21	62	22	63	61	83	0.17	+ .1	0.1	2	3,056	nw.	24	n. w.	17	16	9	5	4.1	
San Luis Obispo.	201	47	54	29.73	29.95	+ .02	63.8	+ 2.3	98	10	77	42	13	50	45	54	49	68	0.41	—	0.0	2	3,210	nw.	18	se.	14	3	23	4	5.5	
<i>West Indies.</i>																																
Grand Turk.	11	6	20	29.87	29.95	+ .01	70.2	—	87	4	84	70	7	74	13	—	—	—	11.64	+ .65	24	7,363	e.	72	ne.	6	12	10	8	5.1		
San Juan.	82	48	90	29.87	29.95	+ .01	70.2	—	87	4	84	70	7	74	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
<i>Panama.</i>																																
Christobal.	17	5	60	29.83	29.85	—	78.6	—	88	15	84	71	30	73	16	75	74	91	12.65	—	0.5	25	3,925	se.	24	s.	4	2	13	15	6.7	
Culebra.	404	4	30	29.43	29.84	—	73.0	—	89	7	86	69	2	71	19	73	73	94	10.09	—	1.3	22	3,210	nw.	31	ne.	28	20	8	12	7.4	
Ancon.	92	6	69	29.74	29.84	—	78.7	—	92	17	86	70	14	72	19	75	74	91	4.34	—	2.6	18	3,816	nw.	18	se.	14	3	23	4	5.5	
Alajuela.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18.44	+ .64	24	—	—	—	—	—	—	—	—			
Bohio.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.82	+ .28	37	—	—	—	—	—	—	—	—			
Gatun.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.72	+ 1.8	28	—	—	—	—	—	—	—	—			

† Below sea level.

TABLE II.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.80 inch in 1 hour, during September, 1910, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total amount of precipitation.	Excessive rate.		Depths of precipitation (in inches) during periods of time indicated.														
		From—	To—		Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Abilene, Tex.	5-6	3:50 p.m.	D. N. a.m.	1.32	4:48 p.m.	5:07 p.m.	0.50	0.13	0.34	0.43	0.52	—	—	—	—	—	—	—	—	—	—
Albany, N. Y.	6	—	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.55
Alpena, Mich.	8	—	—	0.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.49
Amarillo, Tex.	24	—	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03
Anniston, Ala.	2	1:00 p.m.	3:50 p.m.	1.14	1:37 p.m.	2:12 p.m.	0.04	0.17	0.47	0.69	0.83	0.89	0.96	1.01	—	—	—	—	—	—	—
Do.	29	3:08 a.m.	4:10 a.m.	0.81	3:36 a.m.	3:56 a.m.	0.17	0.19	0.42	0.63	0.83	0.89	0.96	1.01	—	—	—	—	—	—	—
Asheville, N. C.	24	7:20 p.m.	D. N. p.m.	0.70	8:21 p.m.	8:38 p.m.	0.02	0.13	0.30	0.41	0.46	0.51	0.57	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.97
Atlanta, Ga.	2	3:40 p.m.	D. N. a.m.	0.91	7:58 p.m.	8:11 p.m.	0.15	0.12	0.29	0.39	0.49	0.59	0.69	0.79	0.89	0.95	1.01	1.06	1.11	1.16	1.21
Atlantic City, N. J.	1-2	6:40 p.m.	D. N. p.m.	1.35	8:53 p.m.	9:10 p.m.	0.45	0.16	0.46	0.63	0.69	0.75	0.81	0.87	0.93	0.99	1.05	1.11	1.16	1.21	1.26
Augusta, Ga.	9	—	—	1.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Baltimore, Md.	1	1:07 p.m.	2:30 p.m.	1.55	1:22 p.m.	1:55 p.m.	0.01	0.35	0.72	0.88	1.11	1.28	1.39	1.51	1.53	1.64	1.74	1.84	1.93	2.00	2.16
Bentonton, Ark.	5-6	4:40 p.m.	7:45 p.m.	2.49	4:55 p.m.	5:45 p.m.	0.05	0.09	0.46	0.68	0.89	0.93	1.03	1.13	1.24	1.34	1.44	1.53	1.63	1.73	1.83
Do.	5-6	8:30 p.m.	10:0																		

TABLE II.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

Stations.	Date.	Total duration.		Total amount of precipita- tion.	Excessive rate.		Amount before excessive be- gan.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Del Rio, Tex.	14			0.43															0.21		
Denver, Colo.	22			0.43															0.24		
Des Moines, Iowa	11-12	6:40 p. m.	D. N. a. m.	1.32	10:36 p. m.	11:18 p. m.	0.40			0.35	0.45	0.62	0.65	0.70	0.79	0.82					
Detroit, Mich.	4			0.55															0.23		
Devils Lake, N. Dak.	5			1.64															0.44		
Dodge City, Kans.	1			0.22															*		
Dubuque, Iowa	11-12			0.61															0.38		
Duluth, Minn.	11	7:20 a. m.	11:45 a. m.	0.54	7:22 a. m.	7:38 a. m.	0.01	0.30	0.39	0.44	0.45										
Durango, Colo.	3			0.12															0.08		
Eastport, Me.	5	6:30 a. m.	8:15 a. m.	0.51	7:03 a. m.	7:20 a. m.	0.02	0.18	0.24	0.36	0.40										
Elkins, W. Va.	24			0.08															0.39		
El Paso, Tex.	28																	0.08			
Erie, Pa.	3	D. N. a. m.	8:05 a. m.	0.75	4:14 a. m.	4:39 a. m.	0.03	0.13	0.40	0.49	0.52	0.54									
Escanaba, Mich.	11	4:35 p. m.	D. N. p. m.	0.94	4:52 p. m.	5:32 p. m.	0.01	0.13	0.34	0.37	0.42	0.53	0.60	0.65							
Eureka, Cal.	12			0.01															0.01		
Evansville, Ind.	4	6:35 a. m.	7:50 a. m.	0.41	7:10 a. m.	7:25 a. m.	0.02	0.18	0.29	0.36											
Flagstaff, Ariz.	19			0.34															0.32		
Fort Smith, Ark.	2	4:50 p. m.	10:08 p. m.	0.74	7:48 p. m.	7:59 p. m.	0.23	0.20	0.40												
Fort Worth, Tex.	13			0.34															0.34		
Fresno, Cal.	14			0.27															0.17		
Galveston, Tex.	9	3:58 p. m.	11:45 p. m.	1.05	4:07 p. m.	4:41 p. m.	0.02	0.12	0.27	0.37	0.42	0.49	0.55	0.62							
Do.	14	7:20 a. m.	12 noon	0.91	10:49 a. m.	11:33 a. m.	0.09	0.11	0.24	0.40	0.50	0.51	0.57	0.69	0.74	0.80					
Grand Haven, Mich.	12	D. N. a. m.	D. N. a. m.	0.67	2:55 a. m.	3:15 a. m.	0.02	0.08	0.15	0.38	0.48										
Grand Junction, Colo.	21			0.26															*		
Grand Rapids, Mich.	12	3:34 a. m.	6:15 a. m.	0.59	3:46 a. m.	4:01 a. m.	0.01	0.20	0.32	0.41											
Green Bay, Wis.	11-12	8:33 p. m.	D. N. a. m.	1.20	8:35 p. m.	9:10 p. m.	0.02	0.23	0.38	0.39	0.43	0.57	0.64	0.73							
Do.	17	5:12 a. m.	8:10 a. m.	1.76	6:53 a. m.	7:44 a. m.	0.33	0.08	0.17	0.24	0.30	0.44	0.50	0.60	0.72	1.18	1.36				
Hannibal, Mo.	26	D. N. a. m.	7:55 a. m.	1.55	2:35 a. m.	2:59 a. m.	0.04	0.14	0.32	0.37	0.39	0.65	0.73	0.79							
Harrietta, Pa.	13			0.23															0.19		
Hartford, Conn.	4-5	10:30 p. m.	D. N. a. m.	1.00	2:52 a. m.	3:22 a. m.	0.22	0.18	0.40	0.49	0.54	0.67	0.75								
Hatteras, N. C.	6	8:43 p. m.	9:58 p. m.	1.01	9:12 p. m.	9:17 p. m.	0.26	0.19	0.44	0.63											
Havre, Mont.	4			0.20															0.08		
Helena, Mont.	16			0.31															0.25		
Houghton, Mich.	2			0.66															0.24		
Huron, S. Dak.	22			0.88															0.55		
Independence, Cal.	15			0.61															0.20		
Indianapolis, Ind.	5	6:10 p. m.	D. N. p. m.	1.43	7:30 p. m.	8:05 p. m.	0.31	0.26	0.34	0.57	0.66	0.85	0.89	0.93	1.02						
Iola, Kans.	2	7:35 a. m.	11:46 a. m.	1.38	7:43 a. m.	8:13 a. m.	T.	0.24	0.47	0.60	0.77	0.89	0.96								
Do.	3	3:51 p. m.	7:22 p. m.	2.15	4:18 p. m.	5:08 p. m.	0.04	0.10	0.35	0.43	0.52	0.85	1.25	1.37†	1.47†	1.57†	1.65†				
Jacksonville, Fla.	15	3:50 p. m.	D. N. p. m.	1.66	7:19 p. m.	8:08 p. m.	0.57	0.18	0.30	0.51	0.76	0.79	0.82	0.89	1.23	1.37	1.46				
Jupiter, Fla.	17	12:33 p. m.	1:30 p. m.	1.57	12:41 p. m.	1:30 p. m.	0.31	0.26	0.34	0.57	0.66	0.85	0.89	0.93	1.02						
Do.	29-30	11:45 p. m.	2:30 a. m.	1.16	11:52 p. m.	12:23 a. m.	0.03	0.08	0.21	0.52	0.69	0.82	0.87						0.20		
Kalispell, Mont.	10			0.36																	
Kansas City, Mo.	1	6:30 a. m.	1:26 p. m.	1.27	6:34 a. m.	6:53 a. m.	0.01	0.13	0.43	0.63	0.68										
Keokuk, Iowa	12			0.37																	
Key West, Fla.	14-15	9:15 p. m.	2:00 a. m.	0.73	9:19 p. m.	9:56 p. m.	0.01	0.16	0.31	0.45	0.52	0.56	0.60	0.62	0.63	0.66	0.68	0.71	0.73	0.77	
Do.	22	12:07 p. m.	1:55 p. m.	1.16	12:12 p. m.	12:30 p. m.	0.01	0.29	0.47	0.58	0.59										
Do.	28	12:04 p. m.	1:38 a. m.	0.74	12:26 p. m.	1:16 p. m.	0.01	0.16	0.32	0.38	0.41	0.48	0.54	0.59	0.64	0.71	0.73				
Knoxville, Tenn.	7	1:27 p. m.	2:00 p. m.	0.44	1:35 p. m.	1:50 p. m.	0.01	0.16	0.29	0.39	0.43										
Do.	13	5:56 p. m.	7:10 p. m.	0.44	6:07 p. m.	6:15 p. m.	0.01	0.29	0.40												
La Crosse, Wis.	4	7:07 p. m.	11:35 p. m.	1.03	11:39 p. m.	11:21 p. m.	0.65	0.10	0.30	0.35											
Lander, Wyo.	23			1.26															0.33		
La Salle, Ill.	4-5	4:23 p. m.	D. N. a. m.	0.76	10:35 p. m.	10:54 p. m.	0.30	0.16	0.24	0.38	0.44										
Do.	8	1:00 a. m.	4:00 a. m.	1.00	2:51 a. m.	3:18 a. m.	0.20	0.11	0.24	0.48	0.63	0.69									
Do.	12	7:25 a. m.	8:10 a. m.	1.36	5:03 p. m.	5:23 p. m.	0.22	0.13	0.44	0.59	0.71										
Do.	19	3:54 a. m.	5:40 a. m.	0.59	4:19 a. m.	0.01	0.08	0.26	0.30												
Lewiston, Idaho	1			0.59															0.32		
Lexington, Ky.	1	1:54 p. m.	3:10 p. m.	0.91	1:56 p. m.	2:26 p. m.	0.01	0.28	0.48	0.58	0.63	0.70	0.79								
Do.	2	3:00 p. m.	7:50 p. m.	1.12	4:03 p. m.	4:57 p. m.	0.23	0.08	0.14	0.17	0.20	0.27	0.32	0.41	0.55	0.61	0.76	0.85			
Do.	19	8:45 a. m.	2:45 p. m.	2.94	8:58 a. m.	10:29 a. m.	0.02	0.11	0.48	0.68	0.75	0.77	0.80	0.99	1.17	1.27	1.32	1.43	2.12	2.30	2.36
Lincoln, Nebr.	22-23	10:35 p. m.	1:45 p. m.	3.89	8:22 a. m.	8:52 a. m.	0.45	0.05	0.11	0.18	0.29	0.39	0.41	0.50	0.55	0.60	0.67	0.73	0.79	0.83	
Little Rock, Ark.	2	7:25 p. m.	9:55 p. m.	0.90	7:38 p. m.	8:00 p. m.	0.01	0.25	0.60	0.74	0.81	0.83									
Do.	27	D. N. a. m.	7:25 a. m.	0.87	5:35 a. m.	5:48 a. m.	0.10	0.20	0.48	0.55											
Los Angeles, Cal.	30			0.01																	
Louisville, Ky.	25			0.47																	
Lynchburg, Va.	2-3	8:10 p. m.	6:10 a. m.	1.94	9:41 p. m.	11:19 p. m.	0.02	0.08	0.11	0.13	0.15	0.16	0.21	0.32	0.45	0.55	0.62	0.69	0.86	1.15	1.53
Macon, Ga.	29			0.84																	
Madison, Wis.	5	12:55 a. m.	D. N. a. m.	0.40	1:04 a. m.	1:19 a. m.	0.03	0.05	0.28	0.35											
Marquette, Mich.	11			0.75																	
Memphis, Tenn.	2	7:30 p. m.	8:20 p. m.	0.41	7:35 p. m.	7:50 p. m.	0.01	0.12	0.23	0.35											
Do.	27	6:50 a. m.	8:50 a. m.	0.74	7:																

TABLE II.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

Stations.	Date.	Total duration.		Total amount of precipita-	Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Peoria, Ill.	4			0.85															*		
Philadelphia, Pa.	6	6:00 p.m.	7:10 p.m.	1.06	6:07 p.m.	6:31 p.m.	0.02	0.07	0.33	0.66	0.96	1.01									
Phoenix, Ariz.	12			T.															T.		
Pierre, S. Dak.	22			0.91															0.25		
Pittsburg, Pa.	8	7:06 p.m.	9:43 p.m.	1.82	7:08 p.m.	7:58 p.m.	0.01	0.21	0.38	0.60	0.77	0.85	1.07	1.23	1.37	1.48	1.60				
Do.	13	6:07 a.m.	9:10 a.m.	1.10	6:55 a.m.	7:20 a.m.	0.01	0.21	0.48	0.62	0.76	0.88									
Pocatello, Idaho	16-17			0.20															0.15		
Point Reyes Light, Cal.	28			0.02															0.01		
Port Huron, Mich.	5-6			0.80															0.49		
Portland, Me.	13			0.58															0.41		
Portland, Oreg.	16			0.56															0.21		
Providence, R. I.	6	9:09 p.m.	11:45 p.m.	0.88	9:15 p.m.	9:40 p.m.	0.01	0.05	0.23	0.39	0.42	0.52									
Pueblo, Colo.	19			0.34															0.07		
Raleigh, N. C.	1			0.10															0.32		
Rapid City, S. Dak.	21	1:48 p.m.	3:55 p.m.	1.09	1:59 p.m.	2:44 p.m.	0.01	0.05	0.14	0.27	0.40	0.57	0.60	0.80	0.92	0.99					
Red Bluff, Cal.	15			0.37															0.09		
Reno, Nev.	15			0.23															0.16		
Richmond, Va.	1			0.39															0.30		
Rochester, N. Y.	31-1	11:25 p.m.	3:00 a.m.	1.78	12:12 a.m.	1:48 a.m.	0.28	0.08	0.16	0.29	0.42	0.57	0.62	0.63	0.67	0.74	0.85	1.00	1.23	1.48	
Do.	3	5:04 p.m.	6:30 p.m.	0.57	5:07 p.m.	5:22 p.m.	T.	0.23	0.42	0.50											
Roseburg, Oreg.	19			0.52															0.32		
Roswell, N. Mex.	13			0.20															0.16		
Sacramento, Cal.	14			0.09															0.03		
St. Louis, Mo.	3-4	10:10 p.m.	11:58 a.m.	3.07	11:17 a.m.	12:58 a.m.	0.52	0.06	0.12	0.30	0.45	0.76	0.98	1.13	1.20	1.21					
Do.	23-24	11:00 p.m.	7:30 a.m.	0.53	4:54 a.m.	5:11 a.m.	0.01	0.13	0.30	0.41	0.45										
St. Paul, Minn.	2	4:20 p.m.	6:20 p.m.	0.61	5:02 p.m.	5:12 p.m.	0.01	0.34	0.52										0.19		
Salt Lake City, Utah	15			0.37															0.42		
San Antonio, Tex.	14			0.43															0.17		
San Diego, Cal.	30			0.17															0.40		
Sandusky, Ohio.	3			0.99															0.40		
San Francisco, Cal.	15			0.04															0.04		
San Jose, Cal.	14			0.07															0.06		
San Luis Obispo, Cal.	15			0.28															0.11		
Santa Fe, N. Mex.	21			0.38															0.37		
Sault Ste. Marie, Mich.	24			0.80															0.45		
Savannah, Ga.	10-11	9:30 p.m.	D. N. a.m.	1.08	2:25 a.m.	2:50 a.m.	0.11	0.14	0.34	0.63	0.83	0.91									
Scranton, Pa.	14	3:08 p.m.	4:30 p.m.	0.54	3:51 p.m.	4:13 p.m.	0.01	0.07	0.19	0.34	0.49										
Do.	25	3:19 p.m.	3:55 p.m.	0.48	3:31 p.m.	3:47 p.m.	0.01	0.14	0.26	0.42	0.46										
Seattle, Wash.	16			1.59	5:08 a.m.	6:08 a.m.	0.26	0.12	0.20	0.36	0.37	0.54	0.84	0.90	0.96	0.96	1.00	1.21			
Sheridan, Wyo.	4			0.27															0.14		
Shreveport, La.	27			0.54															0.44		
Sioux City, Iowa.	4	6:33 p.m.	8:00 p.m.	0.96	7:16 p.m.	7:30 p.m.	0.35	0.33	0.74	0.89									0.20		
Southwest Farallon, Cal.	22	5:00 a.m.	12:15 p.m.	1.79	9:50 a.m.	10:30 a.m.	0.52	0.11	0.16	0.25	0.41	0.65	0.80	0.95	1.01						
Spokane, Wash.	16			0.46															T.		
Springfield, Ill.	7-8	D. N. p.m.	5:25 a.m.	2.10	12:22 a.m.	12:45 a.m.	0.24	0.07	0.15	0.31	0.46	0.50									
Do.	24	4:14 a.m.	5:50 a.m.	0.66	2:55 a.m.	3:37 a.m.	0.01	0.15	0.18	0.26	0.33	0.37	0.47	0.63	0.67	0.74					
Springfield, Mo.	2	11:15 a.m.	3:15 p.m.	0.66	4:17 a.m.	4:56 a.m.	0.01	0.17	0.34	0.37	0.37	0.37	0.37	0.55	0.60						
Do.	26	7:38 p.m.	10:32 p.m.	0.53	8:54 p.m.	9:04 p.m.	0.06	0.30	0.44	0.56	0.61										
Syracuse, N. Y.	6	9:05 p.m.	D. N. a.m.	1.40	1:08 a.m.	1:42 a.m.	0.35	0.27	0.44	0.56	0.61	0.72	0.88	1.00					0.27		
Tacoma, Wash.	16			0.49															0.26		
Tampa, Fla.	23			0.27															0.22		
Tatoosh Island, Wash.	29			1.08																	
Taylor, Tex.	12	1:50 p.m.	4:30 p.m.	1.74	1:57 p.m.	2:27 p.m.	T.	0.29	0.61	0.88	1.12	1.39	1.61								
Thomasville, Ga.	1	12:20 p.m.	2:30 p.m.	0.98	12:26 p.m.	12:57 p.m.	0.02	0.17	0.29	0.39	0.49	0.58	0.68	0.70							
Do.	8	4:25 p.m.	7:15 p.m.	0.97	4:33 p.m.	5:09 p.m.	0.01	0.08	0.09	0.09	0.18	0.46	0.75	0.90	0.92						
Toledo, Ohio.	5			0.30															0.21		
Tonopah, Nev.	14			0.56															0.34		
Topeka, Kan.	2	2:45 a.m.	12:10 p.m.	0.26	5:27 a.m.	6:00 a.m.	0.46	0.18	0.32	0.54	0.69	0.78	0.87	0.93							
Valentine, Nebr.	3			0.25															0.11		
Vicksburg, Miss.	1	1:12 p.m.	2:00 p.m.	0.74	1:27 p.m.	1:46 p.m.	0.05	0.11	0.45	0.62	0.68										
Do.	27	3:33 p.m.	4:22 p.m.	0.65	3:42 p.m.	3:57 p.m.	0.03	0.28	0.51	0.59											
Walla Walla, Wash.	15			0.53															0.28		
Washington, D. C.	1	1:15 p.m.	3:50 p.m.	0.96	1:48 p.m.	2:06 p.m.	0.12	0.15	0.42	0.74	0.78										
Wichita, Kans.	4			0.55															0.55		
Williston, N. Dak.	7	8:05 p.m.	9:15 p.m.	0.88	8:14 p.m.	8:39 p.m.	0.01	0.09	0.34	0.53	0.70	0.77							0.02		
Wilmington, N. C.	7	4:10 p.m.	6:30 p.m.	0.80	4:30 p.m.	4:32 p.m.	0.01	0.17	0.34	0.38											
Winnebucca, Nev.	15			0.43															0.14		
Wytheville, Va.	27	1:30 p.m.	4:35 p.m.	2.51	1:32 p.m.	3:22 p.m.	0.01	0.17	0.42	0.58	0.74	0.99	1.15	1.21	1.23	1.24	1.24	1.37	1.78	2.22	2.46
Yankton, S. Dak.	4	4:45 p.m.	6:15 p.m.	0.85	5:14 p.m.	6:39 p.m.	0.01	0.16	0.28	0.53	0.61	0.76									
Do.	7	8:05 p.m.	9:15 p.m.	0.88	8:14 p.m.	8:39 p.m.	0.01	0.09	0.34	0.53	0.70	0.77									
Do.	22	1:15 a.m.	9:30 a.m.	2.19	8:31 a.m.	9:11 a.m.	0.85	0.07	0.24	0.40	0.72	0.99	1.07	1.11	1.16	1.25	1.31	*			
Yellowstone Park, Wyo.	13-14			0.23																	

*Partly estimated according to stick measurements.

TABLE III.—*Data furnished by the Canadian Meteorological Service, September, 1910.*

Stations.	Pressure.				Temperature.				Precipitation.				Stations.	Pressure.				Temperature.				Precipitation.									
	Actual, reduced to mean of 24 hours.		Sea level, reduced to mean of 24 hours.		Departure from normal.		Mean.		Total.		Departure from normal.		Total snowfall.		Actual, reduced to mean of 24 hours.		Sea level, reduced to mean of 24 hours.		Departure from normal.		Mean.		Total.		Departure from normal.		Total snowfall.				
	In.	In.	In.	In.	•	•	•	•	In.	In.	In.	In.	In.	•	•	•	•	In.	In.	In.	In.	•	•	•	•	In.	In.	In.	In.		
St. Johns, N. F.	29.80	30.04	+.07	53.8	-	0.2	60.6	47.0	4.35	-0.84			In.				Parry Sound, Ont.	29.40	30.09	+.06	55.7	-	0.3	65.1	46.3	2.30	-1.37	In.	In.		
Sydney, C. B. I.	30.05	30.09	+.08	58.0	-	1.5	65.7	50.4	4.00	-0.72			In.				Port Arthur, Ont.	29.32	30.03	+.05	53.6	+	1.4	64.2	43.1	3.42	-0.06				
Halifax, N. S.	29.97	30.07	+.03	58.6	-	1.0	67.5	49.8	3.93	+.22			In.				Winnipeg, Man.	29.19	30.03	+.08	54.3	+	1.8	65.2	43.4	2.75	+.072				
Grand Manan, N. B.	30.04	30.09	+.06	56.9	-	0.8	63.2	50.5	1.23	+.14			In.				Minnedosa, Man.	28.19	30.01	+.37	51.2	+	0.7	63.2	39.1	1.48	+.012				
Yarmouth, N. S.	30.02	30.09	+.04	56.3	-	0.2	64.4	48.1	3.82	+.37			In.				Qu'Appelle, Sask.	27.76	30.01	+.09	49.8	-	1.3	61.8	37.9	0.46	-0.87				
Charlottetown, P. E. I.	30.03	30.07	+.06	57.2	-	0.1	64.7	49.7	2.49	-0.91			In.				Medicine Hat, Alberta.	27.77	30.04	+.12	53.0	+	1.0	67.3	44.9	0.54	-0.04				
Chatham, N. B.	30.07	30.08	+.08	55.0	-	0.4	65.1	44.8	1.66	-1.05			In.				Swift Current, Sask.	27.48	30.05	+.13	52.2	-	0.9	63.9	40.5	0.88	-0.34				
Father Point, Que.	30.01	30.03	+.06	49.5	-	0.9	57.6	41.4	3.22	+.09			In.				Calgary, Alberta	26.49	30.03	+.11	49.7	-	0.1	61.4	38.1	1.50	+.014				
Quebec, Que.	29.74	30.08	+.05	54.0	-	1.	62.1	45.8	3.60	-0.07			In.				Banff, Alberta	25.47	30.06	+.13	46.5	+	0.7	58.8	34.4	1.06	-0.61	2.9			
Montreal, Que.	29.87	30.07	+.03	56.8	-	1.6	64.0	49.6	3.33	+.03			In.				Edmonton, Alberta	27.74	30.03	+.13	50.4	+	1.1	63.9	37.0	2.01	+.088				
Stonecliffe, Ont.*	29.46	30.07	+.04	51.6	-	4.1	62.4	40.9	0.72	-2.56			In.				Prince Albert, Sask.	28.42	29.98	+.08	48.2	+	0.2	60.0	36.5	0.79	-0.49				
Ottawa, Ont.	29.82	30.15	+.11	54.8	-	2.6	64.3	45.2	1.06	-0.73			In.				Battleford, Sask.	28.28	30.02	+.12	51.6	+	0.2	63.9	39.3	1.46	+.021				
Kingston, Ont.	29.78	30.09	+.05	58.1	-	1.9	67.0	49.3	1.70	-1.10			In.				Kamloops, B. C.	28.70	29.98	-.01	58.2	+	0.8	70.7	45.7	0.43	-0.42				
Toronto, Ont.	29.71	30.08	+.02	59.9	-	0.9	68.8	50.0	3.88	+.64			In.				Victoria, B. C.	29.96	30.15	+.04	56.6	+	1.8	64.9	48.2	1.59	-0.57				
White River, Ont.	28.70	30.02	+.04	49.0	-	1.3	60.6	37.4	3.38	+.61	T.		In.				Barkerville, B. C.	25.75	30.07	+.09	43.1	-	3.6	52.5	33.7	2.17	-0.74				
Port Stanley, Ont.	29.45	30.09	+.03	59.2	-	0.3	68.8	49.7	3.00	+.27			In.				Dawson, Yukon	28.88	.....	.....	44.3	.....	.....	54.5	34.0	1.34	.....	0.5			
Southampton, Ont.	29.40	57.1	-	0.4	65.8	48.4	2.47	-0.47			In.				Hamilton, Bermuda	29.94	30.10	+.03	78.5	+	1.1	84.1	72.9	64.8	-0.03				

* Name changed from Rockliffe.

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